

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S107 and (symbol and averag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:59
		(combin\$3 combination) with (bit near2 portion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:58
		combin\$3 combination) with (bit near2 portion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:57
L1	3273	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L2	850	455/137,273.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L3	547	455/137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L4	325	L3 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L5	293	L4 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L6	255	L4 and ((select\$4 combin\$4) near3 signal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L7	2	("5697055" "5850607").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/19 14:25
L8	6	("4737978" "5101501" "5267261" "5278892" "5305308" "5640414").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/19 14:25

L9	1017	(diversity adj reception).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L10	2	("5697055" "5850607").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/19 14:25
L11	3	("5345600" "5903826" "6141392").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/19 14:25
L12	6	(diversity adj reception).ab. and ((select\$4 combin\$4) near2 signal) and (multiple near2 base)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L13	11	(diversity adj reception).ab. and ((select\$4) near2 frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L14	5	("5606569" "5640414" "5719871" "6132306" "6219550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/19 14:25
L15	1396	diversity.ab. and (combin\$4 with (frame signal portion)) and (mean average)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L16	321	diversity.ab. and ((combin\$4 with (frame signal portion)) same (mean average))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L17	21	("4072956" "4101836" "4128740" "4724441" "4733402" "4823136" "5166693" "5191598" "5274844" "5313660" "5339086" "5390342" "5499397" "5548835" "5581260" "5621770" "5724666" "5740526" "5933787" "5983118" "6006113").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/19 14:25
L18	3273	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L19	1541	L18 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L20	1003	L19 and ((select\$4 combin\$4) near3 signal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L21	12	("5068916" "5179559" "5293643" "6041235" "6219550" "6493554").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L22	12	("5068916" "5179559" "5293643" "6041235" "6219550" "6493554").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L23	0	L22 and (mean average) and combin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L24	1	L22 and (mean average)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L25	2	L22 and combin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L26	321	714/751,701,746,756,758,786,784,746.ccls. and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L27	135	L26 and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L28	88	L27 and frame	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L29	84	L28 and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L30	14	L26 and (averag\$4 with frame) and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L31	38	L26 and ((averag\$4 add\$3) with frame) and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L32	3831	space adj diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L33	1292	L32 and (averag\$4 mean) and select\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L34	37	L33 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L35	9883	370/328,230,324,529,40.2,41,43.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L36	15	L35 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L37	13	L36 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L38	3273	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L39	7	L38 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L40	7	L39 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L41	1376	455/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L42	2451	455/101,132,137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L43	2736	455/101,132,137,273.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L44	321	714/751,701,746,756,758,786,784,746.ccls. and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L45	3273	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L46	9883	370/328,230,324,529,40.2,41,43.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L47	26	(L44 L45 L46) and (add\$3 with (mean averag\$3)) and diversity and (symbol same bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L48	65	(L44 L45 L46) and (add\$3 with (mean averag\$3)) and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L49	195	(L44 L45 L46) and (add\$3 with (mean averag\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L50	65	L49 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L51	2763	(L44 L45 L46) and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L52	65	L51 and (add\$3 with (mean averag\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L53	207	L51 and (add\$3 with signals) and (averag\$4 with signals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L54	3608	diversity and (add\$3 with signals) and (averag\$4 with signals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L55	1522	L54 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L56	30	L51 and ((add\$3 with signals) same (averag\$4 with signals) same receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L57	165	diversity and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L58	4	diversity.ab. and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L59	4	diversity.ab. and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L60	8	(L44 L45 L46) and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L61	240	diversity.ab. and (add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L62	82	L61 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L63	240	diversity.ab. and (add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L64	82	L63 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L65	93	diversity.ab. and ((averag\$3 near2 signal) same combin\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L66	86	L65 not L64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L67	2	ark adj maximum adj ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L68	8	(US-6021125-\$ or US-6219550-\$ or US-6256484-\$ or US-5719871-\$ or US-6792258-\$ or US-6728919-\$ or US-6320852-\$ or US-6757524-\$ or US-6421543-\$ or US-6473473-\$ or US-6167243-\$).did.	USPAT	OR	OFF	2010/09/19 14:25
L69	7	L68 and (add\$3 sum\$3 averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L70	17415	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and (add\$3 sum\$3 averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L71	11140	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and (averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L72	187	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with waveform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L73	283	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with (signal adj (amplitude level)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L74	29	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with (signal adj (amplitude level)) with (combin\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L75	1210	maxim\$3 with ratio with diversity with combin\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L76	195	L75 and ((add\$3 averag\$3) near\$3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L77	151	L76 and (cell\$4 "base station")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L78	111	L75 and ((averag\$3) near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L79	22	L75 and ((averag\$3) near3 symbol) and (add\$3 near4 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L80	0	L75 and ((averag\$3) near3 symbol) and (add\$3 near4 symbol) and waveform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L81	22	L75 and ((averag\$3) near3 symbol) and (add\$3 near4 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L82	1484520	(cell\$4 "base station").ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L83	55	L82 and (averag\$3 with symbol near3 (waveform voltage energy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L84	14	L83 and (combin\$3 near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L85	33	L82 and (averag\$3 with symbol near3 multiple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L86	6	L85 and (combin\$3 near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L87	15	("6792258" "6728919")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L88	4	("6792258" "6728919").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L89	710560	AVERAG\$3 with multiple siwth symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L90	485	AVERAG\$3 with multiple with symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L91	105	L90 and (multiple with "base station")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L92	485	AVERAG\$3 with multiple with symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L93	18	L92 and "spatial diversity"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L94	6510	AVERAG\$3 near4 symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L95	160	L94 and "spatial diversity"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L96	27	L95 and (symbol with energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L97	1641	L94 and (symbols with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L98	70	L95 and (symbols with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L99	11	L96 and (symbols with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L100	8	L94 and "spatial diversity".ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L101	205	L94 and diversity.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L102	188	L101 not (L98 L99 L100)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L103	56	L102 and (symbol with energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L104	50	L103 and (combin\$3 combination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L105	39	L103 and ((combin\$3 combination) with symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L106	1358	(combin\$3 combination) with (bit near2 portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L107	0	L106 and symbol and sverag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L108	21	L106 and (symbol with averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L109	692	averag\$3 with diversity with (signal symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L110	350	L109 and "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L111	264	averag\$3 with diversity with (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L112	144	L111 and "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L113	264	averag\$3 with diversity with (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L114	144	L113 and "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L115	91	L114 and (combin\$3 near4 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L116	13	"average diversity combining"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L117	10	L116 and symbol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L118	2702	((spatial combination combin\$3) with diversity).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L119	226	L118 and (combin\$3 near4 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L120	66	L118 and (averag\$3 near4 (symbol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L121	3273	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L122	850	455/137,273.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L123	547	455/137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L124	325	L123 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L125	293	L124 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L126	255	L124 and ((select\$4 combin\$4) near3 signal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L127	2	("5697055" "5850607").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/19 14:25
L128	6	("4737978" "5101501" "5267261" "5278892" "5305308" "5640414").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/19 14:25
L129	1017	(diversity adj reception).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L130	2	("5697055" "5850607").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/19 14:25
L131	3	("5345600" "5903826" "6141392").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/19 14:25
L132	6	(diversity adj reception).ab. and ((select\$4 combin\$4) near2 signal) and (multiple near2 base)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L133	11	(diversity adj reception).ab. and ((select\$4) near2 frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L134	5	("5606569" "5640414" "5719871" "6132306" "6219550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/19 14:25
L135	1396	diversity.ab. and (combin\$4 with (frame signal portion)) and (mean average)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L136	321	diversity.ab. and ((combin\$4 with (frame signal portion)) same (mean average))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L137	21	("4072956" "4101836" "4128740" "4724441" "4733402" "4823136" "5166693" "5191598" "5274844" "5313660" "5339086" "5390342" "5499397" "5548835" "5581260" "5621770" "5724666" "5740526" "5933787" "5983118" "6006113").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/19 14:25
L138	3273	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L139	1541	L138 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L140	1003	L139 and ((select\$4 combin\$4) near3 signal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L141	12	("5068916" "5179559" "5293643" "6041235" "6219550" "6493554").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L142	12	("5068916" "5179559" "5293643" "6041235" "6219550" "6493554").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L143	0	L142 and (mean average) and combin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L144	1	L142 and (mean average)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L145	2	L142 and combin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L146	321	714/751,701,746,756,758,786,784,746.ccls. and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L147	135	L146 and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L148	88	L147 and frame	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L149	84	L148 and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L150	14	L146 and (averag\$4 with frame) and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L151	38	L146 and ((averag\$4 add\$3) with frame) and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L152	3831	space adj diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L153	1292	L152 and (averag\$4 mean) and select\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L154	37	L153 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L155	9883	370/328,230,324,529,40.2,41,43.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L156	15	L155 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L157	13	L156 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L158	3273	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L159	7	L158 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L160	7	L159 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L161	1376	455/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L162	2451	455/101,132,137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L163	2736	455/101,132,137,273.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L164	321	714/751,701,746,756,758,786,784,746.ccls. and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L165	3273	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L166	9883	370/328,230,324,529,40.2,41,43.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L167	26	(L164 L165 L166) and (add\$3 with (mean averag\$3)) and diversity and (symbol same bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L168	65	(L164 L165 L166) and (add\$3 with (mean averag\$3)) and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L169	195	(L164 L165 L166) and (add\$3 with (mean averag\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L170	65	L169 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L171	2763	(L164 L165 L166) and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L172	65	L171 and (add\$3 with (mean averag\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L173	207	L171 and (add\$3 with signals) and (averag\$4 with signals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L174	3608	diversity and (add\$3 with signals) and (averag\$4 with signals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L175	1522	L174 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L176	30	L171 and ((add\$3 with signals) same (averag\$4 with signals) same receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L177	165	diversity and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L178	4	diversity.ab. and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L179	4	diversity.ab. and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L180	8	(L164 L165 L166) and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L181	240	diversity.ab. and (add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L182	82	L181 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L183	240	diversity.ab. and (add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L184	82	L183 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L185	93	diversity.ab. and ((averag\$3 near2 signal) same combin \$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L186	86	L185 not L184	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L187	2	ark adj maximum adj ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L188	8	(US-6021125-\$ or US-6219550-\$ or US-6256484-\$ or US-5719871-\$ or US-6792258-\$ or US-6728919-\$ or US-6320852-\$ or US-6757524-\$ or US-6421543-\$ or US-6473473-\$ or US-6167243-\$).did.	USPAT	OR	OFF	2010/09/19 14:25
L189	7	L188 and (add\$3 sum\$3 averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L190	17415	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and (add\$3 sum\$3 averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L191	11140	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and (averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L192	187	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with waveform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L193	283	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with (signal adj (amplitude level)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L194	29	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with (signal adj (amplitude level)) with (combin\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L195	1210	maxim\$3 with ratio with diversity with combin\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L196	195	L195 and ((add\$3 averag\$3) near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L197	151	L196 and (cell\$4 "base station")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L198	111	L195 and ((averag\$3) near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L199	22	L195 and ((averag\$3) near3 symbol) and (add\$3 near4 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L200	0	L195 and ((averag\$3) near3 symbol) and (add\$3 near4 symbol) and waveform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L201	22	L195 and ((averag\$3) near3 symbol) and (add\$3 near4 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L202	1484520	(cell\$4 "base station").ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L203	55	L202 and (averag\$3 with symbol near3 (waveform voltage energy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L204	14	L203 and (combin\$3 near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L205	33	L202 and (averag\$3 with symbol near3 multiple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L206	6	L205 and (combin\$3 near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L207	15	("6792258" "6728919")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L208	4	("6792258" "6728919").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L209	710560	AVERAG\$3 with multiple siwth symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L210	485	AVERAG\$3 with multiple with symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L211	105	L210 and (multiple with "base station")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L212	485	AVERAG\$3 with multiple with symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L213	18	L212 and "spatial diversity"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L214	6510	AVERAG\$3 near4 symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L215	160	L214 and "spatial diversity"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L216	27	L215 and (symbol with energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L217	1641	L214 and (symbols with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L218	70	L215 and (symbols with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L219	11	L216 and (symbols with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L220	8	L214 and "spatial diversity".ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L221	205	L214 and diversity.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L222	188	L221 not (L218 L219 L220)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L223	56	L222 and (symbol with energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L224	50	L223 and (combin\$3 combination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L225	39	L223 and ((combin\$3 combination) with symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L226	1358	(combin\$3 combination) with (bit near2 portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L227	0	L226 and symbol and sverag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L228	21	L226 and (symbol with averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L229	692	averag\$3 with diversity with (signal symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L230	350	L229 and "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L231	264	averag\$3 with diversity with (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L232	144	L113 and "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L233	547	455/137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25
L234	23	L233 and (averag\$3 with symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:25

L238	507	SMITH.in. and MALCOLM.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:42
L239	3	SMITH.in. and MALCOLM.in. and (add\$3 with averag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 14:43
S1	2320	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:48
S2	635	455/137,273.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:00
S3	419	455/137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:09
S4	246	S3 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:23

S5	215	S4 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:24
S6	185	S4 and ((select\$4 combin\$4) near3 signal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 20:01
S7	2	("5697055" "5850607").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 15:12
S8	6	("4737978" "5101501" "5267261" "5278892" "5305308" "5640414").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 15:15
S9	783	(diversity adj reception).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:55
S11	2	("5697055" "5850607").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 15:52
S12	3	("5345600" "5903826" "6141392").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 15:53
S13	5	(diversity adj reception).ab. and ((select\$4 combin\$4) near2 signal) and (multiple near2 base)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 18:46

S14	12	(diversity adj reception).ab. and ((select\$4) near2 frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 16:30
S15	5	("5606569" "5640414" "5719871" "6132306" "6219550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 17:04
S16	665	diversity.ab. and (combin\$4 with (frame signal portion)) and (mean average)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 18:47
S17	152	diversity.ab. and ((combin\$4 with (frame signal portion)) same (mean average))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 18:47
S18	21	("4072956" "4101836" "4128740" "4724441" "4733402" "4823136" "5166693" "5191598" "5274844" "5313660" "5339086" "5390342" "5499397" "5548835" "5581260" "5621770" "5724666" "5740526" "5933787" "5983118" "6006113").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 19:17
S19	2320	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 20:00

S20	1046	S19 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 20:01
S21	634	S20 and ((select\$4 combin\$4) near3 signal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 20:01
S22	12	("5068916" "5179559" "5293643" "6041235" "6219550" "6493554").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 13:58
S23	12	("5068916" "5179559" "5293643" "6041235" "6219550" "6493554").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 15:29
S24	0	S23 and (mean average) and combin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 15:29
S25	1	S23 and (mean average)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 15:30

S26	2	S23 and combin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 15:30
S27	147	714/751,701,746,756,758,786,784,746.ccls. and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:49
S28	67	S27 and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:49
S29	41	S28 and frame	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:50
S30	39	S29 and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:52
S31	9	S27 and (averag\$4 with frame) and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:55

S32	18	S27 and ((averag\$4 add\$3) with frame) and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:14
S33	2639	space adj diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:14
S34	746	S33 and (averag\$4 mean) and select\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:15
S35	25	S34 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:23
S36	3338	370/328,230,324,529,40.2,41,43.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:23
S37	6	S36 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:24

S38	6	S37 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:24
S39	2447	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:24
S40	5	S39 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:24
S41	5	S40 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:25
S42	593	455/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:25
S43	1366	455/101,132,137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:27

S44	1580	455/101,132,137,273.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:27
S45	147	714/751,701,746,756,758,786,784,746.ccls. and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:12
S46	2447	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:12
S47	3338	370/328,230,324,529,40.2,41,43.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:13
S48	14	(S45 S46 S47) and (add\$3 with (mean averag\$3)) and diversity and (symbol same bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:36
S49	39	(S45 S46 S47) and (add\$3 with (mean averag\$3)) and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:36

S50	92	(S45 S46 S47) and (add\$3 with (mean averag\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:37
S51	39	S50 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:14
S52	1537	(S45 S46 S47) and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:37
S53	39	S52 and (add\$3 with (mean averag\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:45
S54	119	S52 and (add\$3 with signals) and (averag\$4 with signals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:53
S55	1965	diversity and (add\$3 with signals) and (averag\$4 with signals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:52

S56	829	S55 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:48
S57	18	S52 and ((add\$3 with signals) same (averag\$4 with signals) same receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:55
S58	105	diversity and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:16
S59	4	diversity.ab. and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:48
S60	4	diversity.ab. and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:19
S61	7	(S45 S46 S47) and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:19

S62	146	diversity.ab. and (add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:50
S63	54	S62 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:50
S64	146	diversity.ab. and (add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:07
S65	54	S64 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:53
S66	55	diversity.ab. and ((averag\$3 near2 signal) same combin \$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:07
S67	49	S66 not S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:15

S68	2	ark adj maximum adj ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:15
S69	11	(US-6021125-\$ or US-6219550-\$ or US-6256484-\$ or US-5719871-\$ or US-6792258-\$ or US-6728919-\$ or US-6320852-\$ or US-6757524-\$ or US-6421543-\$ or US-6473473-\$ or US-6167243-\$).did.	USPAT	OR	OFF	2006/06/12 17:26
S70	9	S69 and (add\$3 sum\$3 averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 18:28
S71	8567	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and (add\$3 sum\$3 averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 18:29
S72	5278	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and (averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 18:29
S73	97	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with waveform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 18:35

S74	191	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with (signal adj (amplitude level)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 18:37
S75	16	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with (signal adj (amplitude level)) with (combin\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 18:38
S76	1186	maxim\$3 with ratio with diversity with combin\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 07:24
S77	190	S76 and ((add\$3 averag\$3) near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 07:24
S78	148	S77 and (cell\$4 "base station")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 07:25
S79	108	S76 and ((averag\$3) near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 07:28

S80	22	S76 and ((averag\$3) near3 symbol) and (add\$3 near4 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 07:29
S81	0	S76 and ((averag\$3) near3 symbol) and (add\$3 near4 symbol) and waveform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 07:34
S82	22	S76 and ((averag\$3) near3 symbol) and (add\$3 near4 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 07:35
S83	1452790	(cell\$4 "base station").ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 07:59
S84	52	S83 and (averag\$3 with symbol near3 (waveform voltage energy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 08:00
S85	14	S84 and (combin\$3 near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 08:05

S86	32	S83 and (averag\$3 with symbol near3 multiple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 08:09
S87	5	S86 and (combin\$3 near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 08:11
S88	15	("6792258" "6728919")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 08:21
S89	4	("6792258" "6728919").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 08:21
S90	690657	AVERAG\$3 with multiple siwth symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 08:44
S91	464	AVERAG\$3 with multiple with symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 08:44

S92	101	S91 and (multiple with "base station")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 08:44
S93	464	AVERAG\$3 with multiple with symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 12:55
S94	18	S93 and "spatial diversity"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 12:58
S95	6303	AVERAG\$3 near4 symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:06
S96	149	S95 and "spatial diversity"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:06
S97	25	S96 and (symbol with energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:06

S98	1588	S95 and (symbols with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:09
S99	66	S96 and (symbols with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:09
S100	9	S97 and (symbols with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:09
S101	8	S95 and "spatial diversity".ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:17
S102	201	S95 and diversity.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:19
S103	184	S102 not (S99 S100 S101)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:20

S104	54	S103 and (symbol with energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:20
S105	48	S104 and (combin\$3 combination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:26
S106	38	S104 and ((combin\$3 combination) with symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:26
S107	1337	(combin\$3 combination) with (bit near2 portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:58
S108	0	S107 and symbol and sverag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:58
S109	21	S107 and (symbol with averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 13:59

S110	678	averag\$3 with diversity with (signal symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 14:32
S111	345	S110 and "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 14:32
S112	258	averag\$3 with diversity with (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 14:52
S113	141	S112 and "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 14:52
S114	258	averag\$3 with diversity with (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 17:33
S115	141	S114 and "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 17:33

S116	88	S115 and (combin\$3 near4 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 17:33
S117	12	"average diversity combining"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 17:35
S118	9	S117 and symbol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 17:37
S119	2646	((spatial combination combin\$3) with diversity).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 18:04
S120	218	S119 and (combin\$3 near4 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 18:04
S121	66	S119 and (averag\$3 near4 (symbol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 18:04

S122	3221	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S123	838	455/137,273.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S124	544	455/137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S125	324	S124 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S126	292	S125 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S127	254	S125 and ((select\$4 combin\$4) near3 signal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S128	2	("5697055" "5850607").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/10 19:01
S129	6	("4737978" "5101501" "5267261" "5278892" "5305308" "5640414").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/10 19:01
S130	1007	(diversity adj reception).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S131	2	("5697055" "5850607").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/10 19:01
S132	3	("5345600" "5903826" "6141392").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/10 19:01
S133	6	(diversity adj reception).ab. and ((select\$4 combin\$4) near2 signal) and (multiple near2 base)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S134	11	(diversity adj reception).ab. and ((select\$4) near2 frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S135	5	("5606569" "5640414" "5719871" "6132306" "6219550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/10 19:01
S136	1356	diversity.ab. and (combin\$4 with (frame signal portion)) and (mean average)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S137	309	diversity.ab. and ((combin\$4 with (frame signal portion)) same (mean average))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S138	21	("4072956" "4101836" "4128740" "4724441" "4733402" "4823136" "5166693" "5191598" "5274844" "5313660" "5339086" "5390342" "5499397" "5548835" "5581260" "5621770" "5724666" "5740526" "5933787" "5983118" "6006113").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/10 19:01
S139	3221	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S140	1511	S139 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S141	980	S140 and ((select\$4 combin\$4) near3 signal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S142	12	("5068916" "5179559" "5293643" "6041235" "6219550" "6493554").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S143	12	("5068916" "5179559" "5293643" "6041235" "6219550" "6493554").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S144	0	S143 and (mean average) and combin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S145	1	S143 and (mean average)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S146	2	S143 and combin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S147	305	714/751,701,746,756,758,786,784,746.ccls. and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S148	128	S147 and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S149	85	S148 and frame	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S150	81	S149 and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S151	14	S147 and (averag\$4 with frame) and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S152	38	S147 and ((averag\$4 add\$3) with frame) and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S153	3769	space adj diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S154	1257	S153 and (averag\$4 mean) and select\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S155	37	S154 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S156	9170	370/328,230,324,529,40.2,41,43.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S157	15	S156 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S158	13	S157 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S159	3221	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S160	7	S159 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S161	7	S160 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S162	1330	455/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S163	2388	455/101,132,137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S164	2664	455/101,132,137,273.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S165	305	714/751,701,746,756,758,786,784,746.ccls. and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S166	3221	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S167	9170	370/328,230,324,529,40.2,41,43.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S168	26	(S165 S166 S167) and (add\$3 with (mean averag\$3)) and diversity and (symbol same bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S169	63	(S165 S166 S167) and (add\$3 with (mean averag\$3)) and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S170	184	(S165 S166 S167) and (add\$3 with (mean averag\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S171	63	S170 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S172	2643	(S165 S166 S167) and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S173	63	S172 and (add\$3 with (mean averag\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S174	200	S172 and (add\$3 with signals) and (averag\$4 with signals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S175	3494	diversity and (add\$3 with signals) and (averag\$4 with signals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S176	1465	S175 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S177	29	S172 and ((add\$3 with signals) same (averag\$4 with signals) same receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S178	160	diversity and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S179	4	diversity.ab. and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S180	4	diversity.ab. and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S181	8	(S165 S166 S167) and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S182	237	diversity.ab. and (add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S183	81	S182 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S184	237	diversity.ab. and (add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S185	81	S184 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S186	93	diversity.ab. and ((averag\$3 near2 signal) same combin \$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S187	86	S186 not S185	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S188	2	ark adj maximum adj ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S189	8	(US-6021125-\$ or US-6219550-\$ or US-6256484-\$ or US-5719871-\$ or US-6792258-\$ or US-6728919-\$ or US- 6320852-\$ or US-6757524-\$ or US-6421543-\$ or US- 6473473-\$ or US-6167243-\$).did.	USPAT	OR	OFF	2010/06/10 19:01
S190	7	S189 and (add\$3 sum\$3 averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S191	16686	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and (add\$3 sum\$3 averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S192	10631	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and (averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S193	176	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with waveform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S194	276	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with (signal adj (amplitude level)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S195	28	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with (signal adj (amplitude level)) with (combin\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S196	1186	maxim\$3 with ratio with diversity with combin\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S197	190	S196 and ((add\$3 averag\$3) near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S198	148	S197 and (cell\$4 "base station")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S199	108	S196 and ((averag\$3) near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S200	22	S196 and ((averag\$3) near3 symbol) and (add\$3 near4 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S201	0	S196 and ((averag\$3) near3 symbol) and (add\$3 near4 symbol) and waveform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S202	22	S196 and ((averag\$3) near3 symbol) and (add\$3 near4 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S203	1452790	(cell\$4 "base station").ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S204	52	S203 and (averag\$3 with symbol near3 (waveform voltage energy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S205	14	S204 and (combin\$3 near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S206	32	S203 and (averag\$3 with symbol near3 multiple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S207	5	S206 and (combin\$3 near3 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S208	15	("6792258" "6728919")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S209	4	("6792258" "6728919").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S210	690657	AVERAG\$3 with multiple siwth symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S211	464	AVERAG\$3 with multiple with symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S212	101	S211 and (multiple with "base station")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S213	464	AVERAG\$3 with multiple with symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S214	18	S213 and "spatial diversity"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S215	6303	AVERAG\$3 near4 symbols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S216	149	S215 and "spatial diversity"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S217	25	S216 and (symbol with energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S218	1588	S215 and (symbols with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S219	66	S216 and (symbols with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S220	9	S217 and (symbols with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S221	8	S215 and "spatial diversity".ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S222	201	S215 and diversity.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S223	184	S222 not (S219 S220 S221)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S224	54	S223 and (symbol with energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S225	48	S224 and (combin\$3 combination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S226	38	S224 and ((combin\$3 combination) with symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S227	1337	(combin\$3 combination) with (bit near2 portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S228	0	S227 and symbol and sverag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S229	21	S227 and (symbol with averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S230	678	averag\$3 with diversity with (signal symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S231	345	S230 and "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S232	258	averag\$3 with diversity with (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01

S233	141	S114 and "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:01
S234	544	455/137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:10
S235	23	S234 and (averag\$3 with symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:12

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L235	374	455/137.ccls.	USPAT; UPAD	OR	ON	2010/09/19 14:40
L236	255	SMITH.in. and MALCOLM.in.	USPAT; UPAD	OR	ON	2010/09/19 14:41
L237	3	236 and (add\$3 with averag\$3)	USPAT; UPAD	OR	ON	2010/09/19 14:42

9/19/2010 2:46:11 PM

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